

Docket No.: ASU-0002



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Susan D. ALLEN

Serial No.: 09/704,733

Filed: November 3, 2000

Confirmation No.: 7240

Group Art Unit: 2882

Examiner: Chih Cheng G. KAO

Customer No.: 34610

For: OPTICAL FIBERS OR OTHER WAVEGUIDES HAVING A PLURALITY OF TAP STRUCTURES FOR FORMING ILLUMINATION PATTERNS AND METHOD OF MAKING THE SAME

DECLARATION UNDER 37 C.F.R. §1.131

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

I, Susan Davis Allen, hereby declare and state as follows:

1. I am the sole inventor of the above-identified application.
2. This declaration is submitted as evidence that the subject matter claimed in the above-identified application was invented by me prior to February 24, 1999, the earliest effective filing date of U.S. Patent No. 6,367,941 to Lea et al.
3. Attached is a copy from an inventor notebook page dated February 18, 1999, in which I detail the initial inventive concept.
4. I further declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these

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Serial No. 09/704,733

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statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

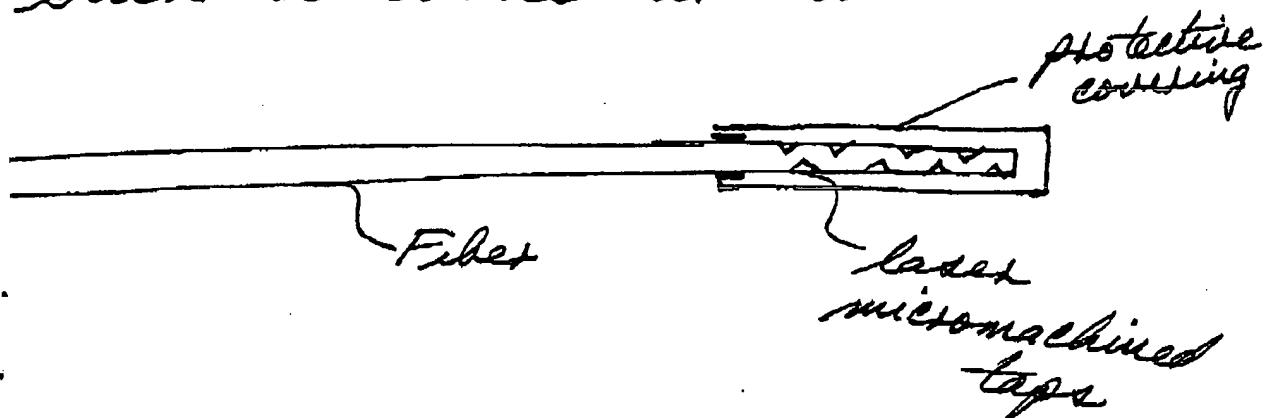
11/6/04
Date

Susan Davis Allen
Susan Davis Allen

2/18/99 8

At a meeting with Bill Schwartzy of Schwartzy ED 1/28/99, Bill mentioned the need for a dispersed IR signal at the end of a trailing fiber towed from an aircraft as a decoy.

The laser micromachined FO taps can be used to create such a device at low cost.



Taps of appropriate depth are machined in a pattern around the fiber such that multiple beams are created. This device is an "optical sprinkler head."